

PAT-NO: JP02000029801A
DOCUMENT-IDENTIFIER: JP 2000029801 A
TITLE: FACSIMILE COMMUNICATION SYSTEM
PUBN-DATE: January 28, 2000

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APPL-NO: JP10216439
APPL-DATE: July 15, 1998

INT-CL (IPC): G06F013/00, H04L029/06 , H04L029/08 ,
H04M011/00 , H04N001/00
, H04N001/32

ABSTRACT:

PROBLEM TO BE SOLVED: To make it possible to transmit/receive facsimile(FAX) data through an inter-connection network(Internet) by connecting the FAX communication system to the Internet by a dial-up method.

SOLUTION: When a transmission side FAX equipment F1 is dialed up by a point-to-point protocol(PPP) and connected to receiving side FAX equipments F2, F3 through an Internet consisting of a gateway G1, a domain name system(DNS) server 24 and a gateway G2, data transfer to the FAX equipments F2, F3 is executed by a file transfer protocol(FTP) of the Internet

one to one and a
communication parameter is negotiated by a SITE command in
the FTP. Thereby
FAX data can be transmitted/received more safely than data
transfer using a
mail protocol, FAX communication can be executed by
processing similar to a
normal G3 protocol, and even in the case of a called party
busy state or a
communication error, a user can be surely informed of the
state, so that
usability can be improved while improving safeness and
secrecy.

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